

For Research Use Only

# TARS2 Polyclonal antibody

Catalog Number: 15067-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

15067-1-AP

### Size:

550 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7074

### GenBank Accession Number:

BC000541

### GeneID (NCBI):

80222

### UNIPROT ID:

Q9BW92

### Full Name:

threonyl-tRNA synthetase 2,

mitochondrial (putative)

### Calculated MW:

81 kDa

### Observed MW:

81 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IP, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HepG2 cells, HeLa cells, mouse liver tissue

IP : mouse liver tissue,

IHC : mouse heart tissue, mouse liver tissue

IF/ICC : HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Hui Tian	35184682	Bioengineered	WB
Sung-Hoon Kim	33340489	Mol Cell	IF, WB, IP
Lida Suo	37956648	Int J Biol Markers	IHC

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

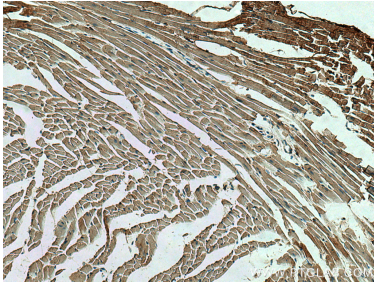
T: 4006900926

E: Proteintech-CN@ptglab.com

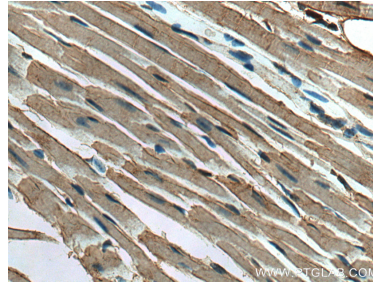
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

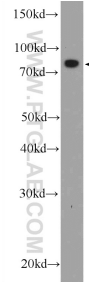
## Selected Validation Data



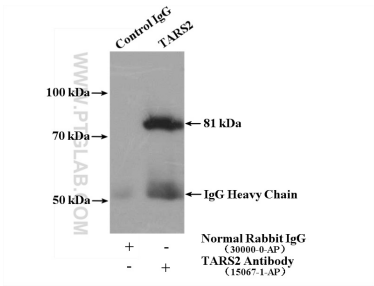
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 15067-1-AP (TARS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



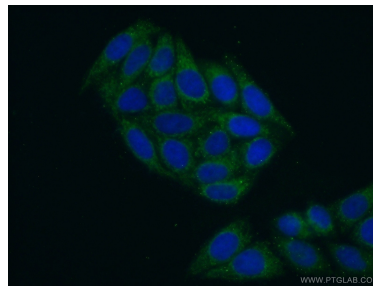
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 15067-1-AP (TARS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HepG2 cells were subjected to SDS PAGE followed by western blot with 15067-1-AP (TARS2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TARS2 (IP:15067-1-AP, 4ug; Detection:15067-1-AP 1:600) with mouse liver tissue lysate 4000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 15067-1-AP (TARS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).